

Note	Provision
1E	Cargo vessel, on deck, in containers or the like.
2E	Cargo vessel, on deck, in portable magazines.
3E	Cargo vessel, on deck, secured to the vessel's structure.
4E	Cargo vessel, under deck, Magazine, Type A.
5E	Cargo vessel, under deck, Magazine, Type B.
6E	Cargo vessel, under deck, Magazine, Type C.
7E	Cargo vessel, under deck, Ordinary Stowage.
8E	Cargo vessel, under deck, Special Stowage.
9E	Passenger vessel, stowage as for cargo vessel.
10E	Magazine, Type B, if in effectively sealed dust-tight packages; otherwise, Magazine, Type A.
11E	On-deck portable magazine must be steel.
12E	Stowage as specified by Competent Authority.
13E	On deck, in containers not exceeding 2.5 metric ton gross per container or group. There may not be more than 2 such containers or groups; they must be separated from each other, and from any other explosive substance or article by at least 9 m (30 feet). Containers or groups must be at least 9 m (30 feet) from the bridge or accommodation.
14E	On deck, in steel portable magazines or steel freight containers.
15E	On-deck, containers must be leakproof.
16E	On deck, in containers or sheeted stacks. The gross weight of each stack or group of containers may not exceed 2.5 metric ton. There may not be more than 2 stacks or groups of containers; they must be separated from each other, and from any other explosive substances or articles by at least 9 m (30 feet). Stacks or containers must be at least 9 m (30 feet) from the bridge or accommodation.
17E	On deck stowage is recommended.
18E	For international shipments, stow in the same manner as is required for "cartridges for weapons' inert projectile" UN 0012, Division 1.4S.
19E	Substances which contain ammonium nitrate or other ammonium salts must be stowed "away from" Explosives, Blasting, Type C, UN 0083.
20E	Stow in accordance with § 176.84(c)(3) of this subchapter.
21E	Cargo space ventilation must be carefully controlled to avoid excessive condensation.
22E	May not be stowed together with explosive substances containing ammonium nitrate or other ammonium salts.
23E	Segregate from other Class 1 (explosive) materials in the same manner as is required for flammable liquids.
24E	Passenger vessels, on deck or under deck, in portable magazines only.
25E	Passenger vessels, in containers or the like, on deck only.
26E	Cargo vessel, on deck, in containers or the like (non-metallic lining is necessary if not in sealed dust tight packages).
27E	Cargo vessel, on deck, in containers or the like (non-metallic lining is necessary).

Note	Provision
28E	Cargo vessel, when items are transported as projectiles or cartridges for guns, cannons, or mortars, notes 1E and 7E are applicable. All other times, notes 14E, 15E, and 8E are applicable.

(3) Explosive articles designated by special provision "20E" in column 10B of the 172.101 table must be stowed as follows:

(i) Projectiles for guns, cannon, or mortars:

(A) *On deck*: in containers or the like.

(B) *Under deck*: ordinary stowage.

(ii) All other types:

(A) *On deck*: in steel portable magazines or steel freight containers which are capable of preventing leakage of their contents.

(B) *Under deck*: Special stowage.

[Amdt. 176-30, 55 FR 52693, Dec. 21, 1990, as amended at 56 FR 66282, Dec. 20, 1991; Amdt. 176-43, 62 FR 24742, May 6, 1997]

Subpart E—Special Requirements for Transport Vehicles Loaded With Hazardous Materials and Transported on Board Ferry Vessels

§ 176.88 Application.

The requirements in this subpart are applicable to transport vehicles containing hazardous materials being transported on board ferry vessels and are in addition to any prescribed elsewhere in this subchapter. Vessels in a service similar to a ferry service, but not over a designated ferry route, may be treated as a ferry vessel for the purpose of this subpart if approved in writing by the District Commander.

[Amdt. 176-1, 41 FR 16110, Apr. 15, 1976, as amended by Amdt. 176-1A, 41 FR 40690, Sept. 20, 1976]

§ 176.89 Control of transport vehicles.

(a) A transport vehicle containing hazardous materials may be transported on board a ferry vessel, subject to the following conditions:

(1) The operator or person in charge of the vehicle shall deliver to the vessel's representative a copy of the shipping papers and certificate required by §§ 176.24 and 176.27;